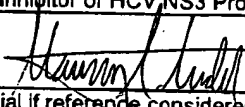


Filed 1/3/02

Sheet 1 of 1

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: IN01157K		SERIAL NO.: 09/909,062	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT: SAKSENA, et al			
				FILING DATE: July 19, 2001		GROUP: To Be Assigned	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	U.S. 5,712,145					
	AB						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AA		AC WO 89/04669		EP 0 318 216			
AA		AD WO 98/17679					
AA		AE WO 98/22496					
AA		AF WO 98/07734					
AA		AG WO 00/09558					
AA		AH WO 00/09543		US 6,268,207 B1			
AA		AI EP 381 216					
AA		AJ					
AA		AK					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
AA	AL	Pizzi, (1994) <i>Proc. Natl. Acad. Sci(USA)</i> 91:888-892					
AA	AM	Falla (1996) <i>folding & Design</i> 1:35-42					
AA	AN	Kollykhalov (1994) <i>J. Virol.</i> 68:7525-7533					
AA	AO	Komoda (1994) <i>J. Virol.</i> 68:7351-7357					
AA	AP	Landro (1997) <i>Biochem</i> 36:9340-9348					
AA	AQ	Ingallinella (1998) <i>Biochem</i> 37:8906-8914					
AA	AR	Llinas-Brunet (1998) <i>Bioorg. Med. Chem. Lett.</i> 8:1713-1718					
AA	AS	Martin (1998) <i>Biochem</i> 37:11459-11468					
AA	AT	Dimasi (1997) <i>J. Virol.</i> 71:7461-7469					
AA	AU	Martin (1997) <i>Protein Eng.</i> 10:607-614					
AA	AV	Elzouki (1997) <i>J. Hepat.</i> 27:42-48					
AA	AW	<i>Bio World Today</i> 9(217): 4 (November 10, 1998)					
AA	AX	Berenguer (1998) <i>Proc. Assoc. Am. Physicians</i> 110(2): 98-112					
AA	AY	Hoofnagle (1997) <i>New England Journal Med.</i> 336:347					
AA	AZ	Zhang (199) <i>Analytical Biochemistry</i> 270:268-275					
AA	BA	Sali (1998) <i>Biochemistry</i> 3392-3401					
AA	BB	Barlos (1991) <i>Int. J. Pept. Protein Res</i> 513-520					
AA	BC	Holmberg (1979) <i>Acta Chem. Scand.</i> , B33:410-412					
AA	BD	Agrawal(1999) <i>Hepatology Supplement to Vol 30</i> "Development and Characterization of Hepatitis C Virus Serine Protease Cell-based Trans-Cleavage Assay"					
AA	BE	Hughes (1992) <i>Org. Reactions</i> 42:335					
AA	BF	Heck (1989) <i>Org. Reactions</i> 27:345-390					
AA	BG	Han, (2000) <i>Bioorganic & Medicinal Chemistry Letters</i> 10 "α-Ketoamides, α-Ketoesters and α-Kiketones as HCV NS3 Protease Inhibitors" pp. 711-713.					
AA	BH	Marchetti(1999) <i>Synlett</i> , Vol. S1, "Synthesis of Two Novel Cyclic Biphenyl Ether Analogs of an Inhibitor of HCV NS3 Protease", pp 1000-1002.					
EXAMINER				DATE CONSIDERED			
				12/4/03			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



Sheet 1 of 1

TECH CENTER 1600/2900

JUL 23 2002

RECEIVED

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.:

IN01157K

SERIAL NO.:

09/909,062

APPLICANT:

SAKSENA, et al

FILING DATE:

07/19/2002

GROUP:

TBA

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AE	WO 98 17679	04/30/98	WIPO			
AF	WO 99 07734	02/18/99	WIPO			
AG	WO 99 64442	12/16/99	WIPO			
AH	FR 2778406	11/12/99	FRANCE US 6187905B1			
AI						
AJ						
AK						
AL						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	Llinas-Brunet, "Studies on the C-terminal of hexapeptide inhibitors of the hepatitis C virus serine protease", <i>BIOORG. MED. CHEM. LETT.</i> , (1998) Vol. 8, (19), pp. 2719-2724.
AN	Bennett, J.M., "The identification of alpha-ketoamides as potent inhibitors of hepatitis c virus NS3-4A proteinase", <i>BIOORGANIC & MEDICINAL CHEMISTRY LETTERS</i> , 2001, Vol. 11 (3), pp. 355-357.
AO	Han, Wei., "alpha.-Keto amides., alpha-keto esters, and alpha.-diketones as HCV NS3 protease inhibitors", <i>BIOORGANIC & MEDICINAL CHEMISTRY LETTERS</i> , 2000, Vol. 10(8), pp. 711-713.
AP	Narjes, Frank, "alpha.-Ketoacids Are Potent Slow Binding Inhibitors of the Hepatitis C Virus NS3 Protease", <i>BIOCHEMISTRY</i> , 2000, Vol. 39(7) pp. 1849-1861.
AQ	
AR	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FILED
9/2/2003

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	09/909,062
				Filing Date	July 19, 2001
				First Named Inventor	Saksena et al.
				Art Unit	1654
				Examiner Name	M. Audet
Sheet	1	of	1	Attorney Docket Number	SCHERING 3.0-120

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA	AA	US-5,514,694	05-07-1996	Powers et al.	
AB	AB	US-5,488,067	01-30-1996	Hanson	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
BA	BA	WO-WO 01/74768-A2	10-11-2001	Perni et al.		
BB	BB	WO-WO 01/40262-A1	06-07-2001	Han US 2002/0123468		
BC	BC	WO-WO 00/52032	09-08-2000	Takemura et al.		X
BD	BD	CA-CA 2362911-A1	09-08-2000	Takemura et al.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	12/4/03
-----------------------	---	--------------------	---------